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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/903,308

07/11/2001

Masayuki . Chatani

37090-6062

1011

22242 7590 01/24/2007  
FITCH EVEN TABIN AND FLANNERY  
120 SOUTH LA SALLE STREET  
SUITE 1600  
CHICAGO, IL 60603-3406

EXAMINER

NGUYEN, PHUOC H

ART UNIT

PAPER NUMBER

2143

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

01/24/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Office Action Summary**

Application No.

09/903,308

Applicant(s)

CHATANI ET AL.

Examiner

Phuoc H. Nguyen

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 07 July 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-88 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-88 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>June 29, 2006</u> . | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Response to Amendment***

1. This office action is in response to the amendment filed on July 7, 2006. Previous office action contained claims 1-89. Applicant amended claims 1, 13, 16, 30, 41, 44, 58, 69, 72, 87, and cancelled claim 89. Amendment filed on July 7, 2006 have been entered and made of record. Therefore, pending claims 1-88 are presented for further consideration and examination.

### ***Response to Arguments***

2. Applicant's arguments with respect to claims 1-88 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-88 are rejected under 35 U.S.C. 103(a) as being unpatentable over anticipated Sahai et al. (Hereafter, Sahai) U.S. Patent 6,594,699 in view of McDonagh et al. (Hereafter, McDonagh) U.S. Pub. No.: 2003/0045275.

Re claims 1, 30, and 58, Sahai's figure 1 discloses a method of managing the transfer of content to a user device that is communicatively linked to a computer network, comprising:

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obtaining user device information descriptive of a configuration of the user device (col. 2 lines 61-64; and col. 5 lines 5-6); determining capabilities of the user device to download content over the network and to process content received over the network based upon the user device information (col. 5 lines 5-14); automatically selecting a service level that is selected from among a plurality of predefined service levels and is determined to be available to the user device for transferring content thereto based upon the determined capabilities of the user device, wherein the selected service level is associated with one or more characteristics of content for transfer to the user device (col. 4 lines 32-63; and col. 6 lines 12-49); however, Sahai fails to teach determining whether an upgrade could make any additional of the plurality of predefined service levels available to the user device.

McDonagh teaches determining whether an upgrade could make any additional of the plurality of predefined service levels available to the user device (e.g. the Bluetooth management system (BMS) constantly receives the data such as device capabilities and based on the data received the BMS then matches with the available services, and proactively transmits service data to the user's mobile phone (e.g. Figure 1; page 2 paragraphs 0046-0049]; and pages 4-5 paragraphs [0100-0105]).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate McDonagh's teaching into Sahai's method to determine whether an upgrade the user device with a predefined service levels in order to provide an offered the available predefined services in a more user friendly manner.

Re claims 2, 17, 31, 45, 59, and 73, Sahai further discloses receiving a request to transfer content to the user device over the computer network, and causing content to be transferred to the user device over the network according to the selected service level (Figure 2, and col. 6 lines 12-49).

Re claims 3, 32, and 60, Sahai further discloses a service level is also associated with one or more characteristics of the manner in which content is transferred to the user device over the network (col. 5 lines 7-26).

Re claims 4, Sahai further discloses identifying a list of content that can be transferred to the user device based upon the determined capabilities of the user device, and causing the list of content to be displayed at the user device (col. 6, lines 12-23).

Re claims 5, 23, 33, 51, 61, and 79, Sahai further discloses the user device information includes the amount of data (e.g. bit rate) that can be transmitted to the user device in a given amount of time over the network (col. 6 lines 12-49).

Re claims 6, 24, 34, 52, 62, and 80, Sahai further discloses the user device information includes the latency of the user device with respect to a content provider device on the computer network (col. 6 lines 12-49).

Re claims 7, 25, 35, 53, 63, and 81, Sahai further discloses the user device information includes the amount of data storage capacity available to the user device (col. 3 lines 23-60).

Re claims 8, 26, 36, 54, 64, and 82, Sahai further discloses the one or more characteristics of content associated with a service level includes the size of the content (col. 4 lines 9-31).

Re claims 9, 27, 37, 55, 65, and 83, Sahai further discloses the one or more characteristics of content includes whether the content includes graphic files (col. 4 lines 9-31).

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Re claims 10, 28, 38, 56, 66, and 84, Sahai further discloses the one or more characteristics of content includes whether the content is art executable file (e.g. Java) (col. 6 last paragraph through col. 7 1<sup>st</sup> paragraph).

Re claims 11, 29, 39, 57, 67, and 85, Sahai further the manner in which the content is transferred to the user device comprises streaming the content to the user device (Abstract).

Re claims 12, 18, 40, 46, 68, and 74, Sahai further discloses a first service level has a corresponding minimum capabilities requirement, and further comprising selecting a first service level for the user device only if the capabilities of the user device meet the minimum capabilities requirements (col. 6 lines 35-49).

Re claims 13-14, 19-21, 41-42, 47-49, 69-70, and 75-77, Sahai reference discloses selecting a service level for user device based upon the capabilities of the client device; however, Sahai fails to teach notifying the user device of any available upgrade and notifying the user device of changes that may be made to the configuration of the user device in order to upgrade the capabilities of the user device.

McDonagh teaches notifying the user device of any available upgrade and notifying the user device of changes that may be made to the configuration of the user device in order to upgrade the capabilities of the user device (e.g. page 5 paragraph [0105]).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate McDonagh's teaching into Sahai's method to notify the user device of the upgrade in order for the user to identify possible actions that should be taken and make a decision as to how to process the service data.

Re claims 15, 22, 43, 50, 71, and 78 Sahai reference discloses selecting a service level for user device based upon the capabilities of the client device; however, Sahai fails to teach sending one or more advertisements to the user device regarding changes that may be made to the configuration of the user device.

McDonagh teaches sending one or more advertisements to the user device regarding changes that may be made to the configuration of the user device (e.g. page 5 paragraph [0105]).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate McDonagh's teaching into Sahai's method to advertise the user device regarding to the changes that made to the user device in order for the user to identify possible actions that should be taken and make a decision as to how to process the service data.

Re claims 16, 44, and 72, Sahai further discloses obtaining user device information descriptive of a configuration of the user device (col. 2 lines 61-64; and col. 5 lines 5-6); identifying one or more service levels that may govern the transfer of content to the user device, wherein each service level is associated with one or more characteristics of content available for transfer to the user device and the manner in which content is transferred to the user device over the network, each service level being further associated with minimum requirements relating to the configuration of the user device and setting combinations of transfer parameters, making available at least one of the service levels to the user device for governing the transfer of content to the user device (col. 5 lines 5-14; and col. 6 lines 35-49); and automatically selecting a service level to govern the transfer of content to the user device based upon the user device information

and whether the configuration of the user device meets minimum requirements for a service level (col. 6 lines 12-49); however, Sahai fails to teaches wherein selecting a service level is performed at a network service manager device independent of a network provider from which the content is transferred.

McDonagh teaches determining wherein selecting a service level is performed at a network service manager device independent of a network provider from which the content is transferred (e.g. the Bluetooth management system (BMS) update a user profile by filter available services and push the selected services to the user (e.g. Abstract and page 3 paragraph [0069], the selected service is perform by the service manager which is independent from a network provider).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate McDonagh's teaching into Sahai's method to perform the service select from the BMS because the BMS is relative simple to perform the database management and service matching operation in order to offer the available predefined services in a more user friendly manner.

Re claims 86-88, Sahai reference discloses selecting a service level for user device based upon the capabilities of the client device; however, Sahai fails to teaches wherein selecting a service level is performed at a network service manager device independent of a network provider from which the content is transferred.

McDonagh teaches determining wherein selecting a service level is performed at a network service manager device independent of a network provider from which the content is



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transferred (e.g. the Bluetooth management system (BMS) update a user profile by filter available services and push the selected services to the user (e.g. Abstract and page 3 paragraph [0069], the selected service is perform by the service manager which is independent from a network provider).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate McDonagh's teaching into Sahai's method to perform the service select from the BMS because the BMS is relative simple to perform the database management and service matching operation in order to offer the available predefined services in a more user friendly manner.

### *Conclusion*

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuoc H. Nguyen whose telephone number is 571-272-3919.

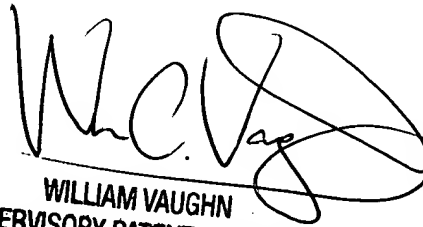
The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Phuoc H Nguyen  
Examiner  
Art Unit 2143

September 28, 2006

  
WILLIAM VAUGHN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100